

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007845.D
 Acq On : 11 Mar 2022 11:32
 Operator : SY/MD
 Sample : N1853-01
 Misc : 6.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SR-EX2A-BASE-01

Quant Time: Mar 11 23:20:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

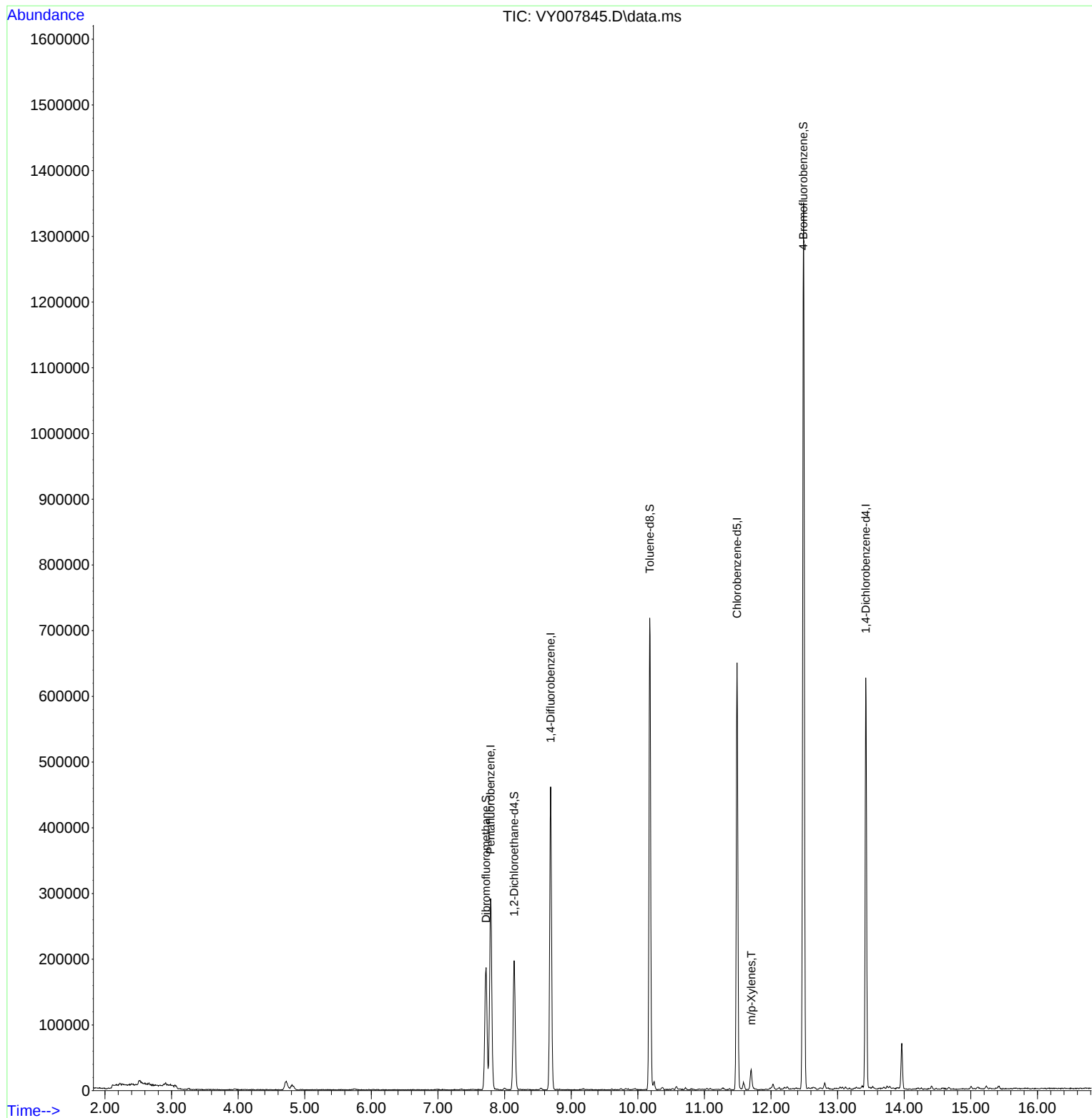
Internal Standards						
1) Pentafluorobenzene	7.789	168	221560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	375971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	342814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	148723	64.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.240%	
35) Dibromofluoromethane	7.722	113	128100	53.293	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.580%	
50) Toluene-d8	10.179	98	464734	52.523	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.040%	
62) 4-Bromofluorobenzene	12.483	95	143762	50.405	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.800%	
Target Compounds						Qvalue
68) m/p-Xylenes	11.703	106	8486	1.642	ug/l	88

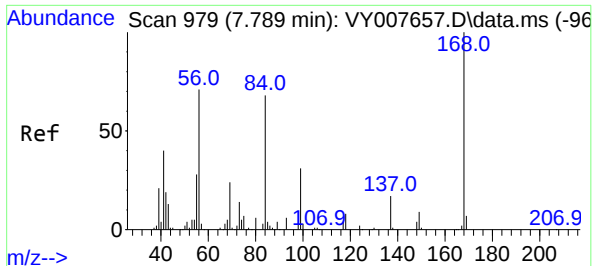
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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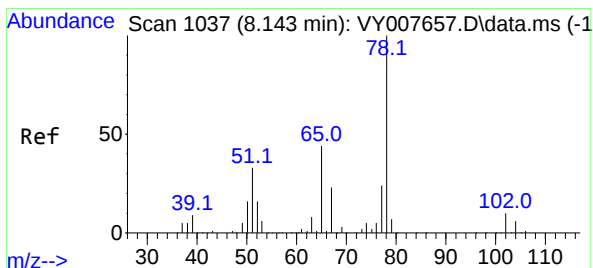
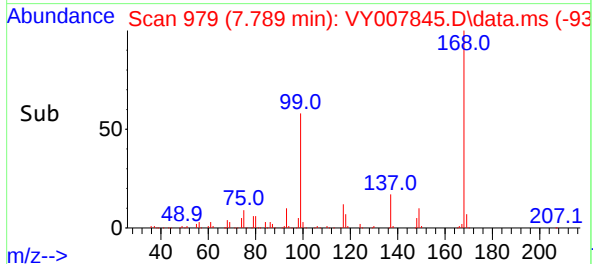
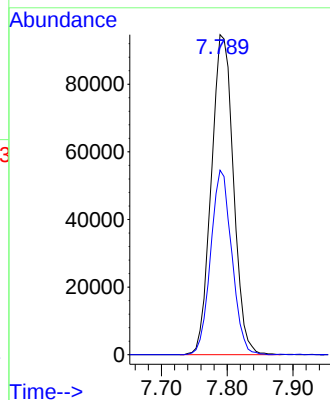
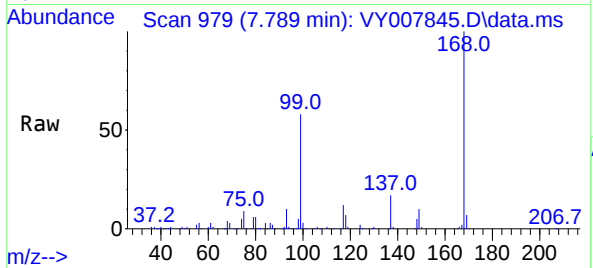




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007845.D
Acq: 11 Mar 2022 11:32

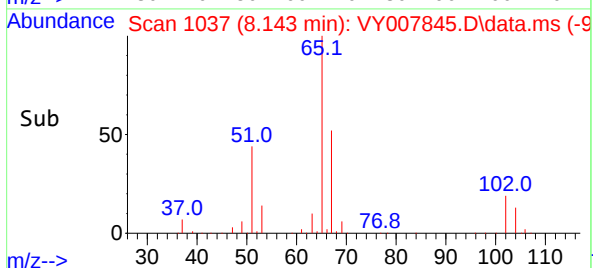
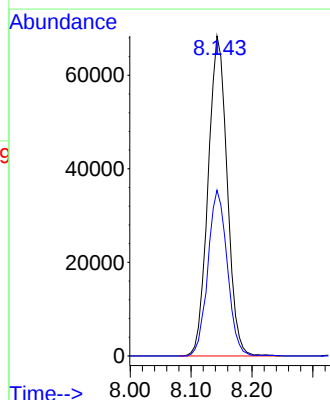
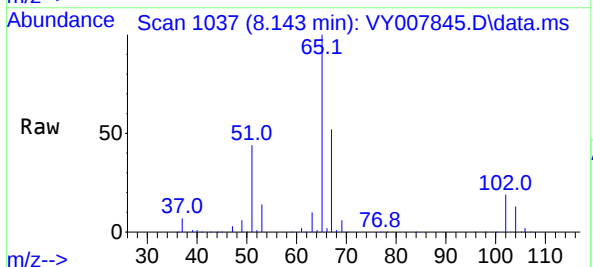
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2A-BASE-01

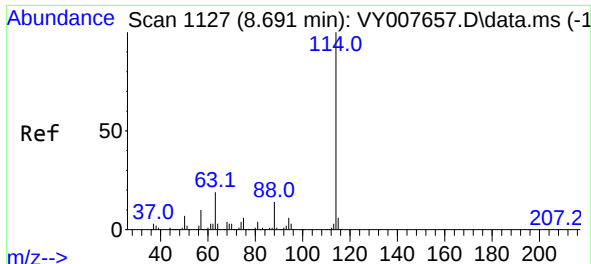
Tgt Ion:168 Resp: 221560
Ion Ratio Lower Upper
168 100
99 57.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 64.118 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007845.D
Acq: 11 Mar 2022 11:32

Tgt Ion: 65 Resp: 148723
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007845.D

Acq: 11 Mar 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

SR-EX2A-BASE-01

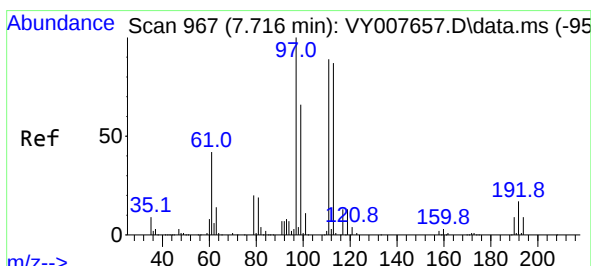
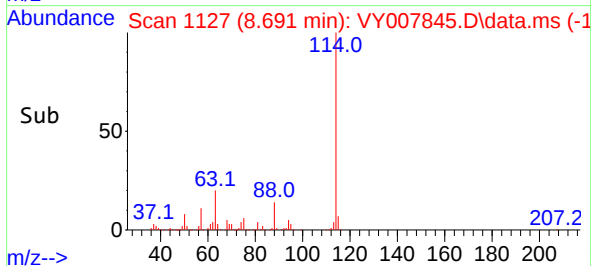
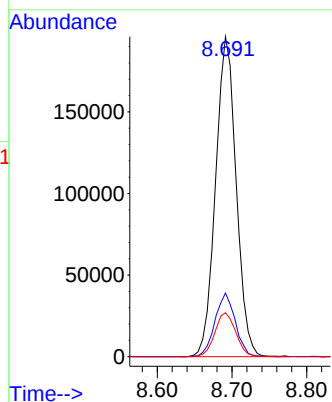
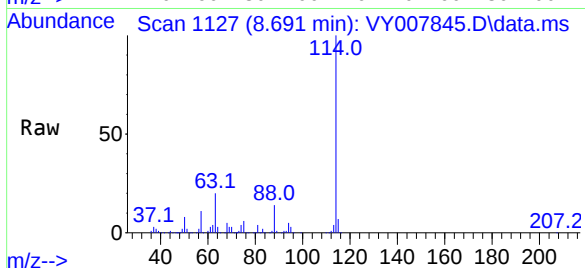
Tgt Ion:114 Resp: 375971

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.293 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007845.D

Acq: 11 Mar 2022 11:32

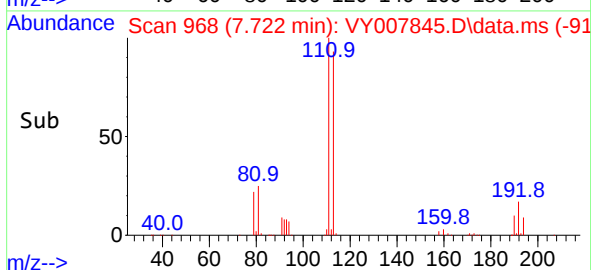
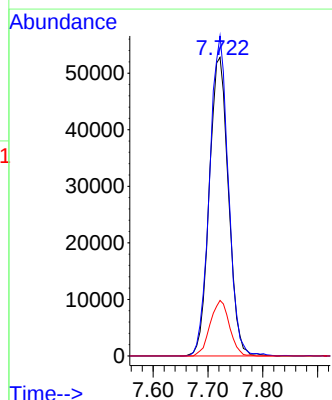
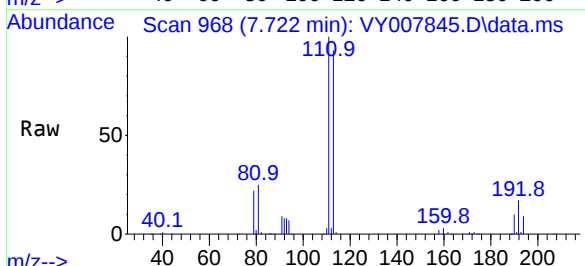
Tgt Ion:113 Resp: 128100

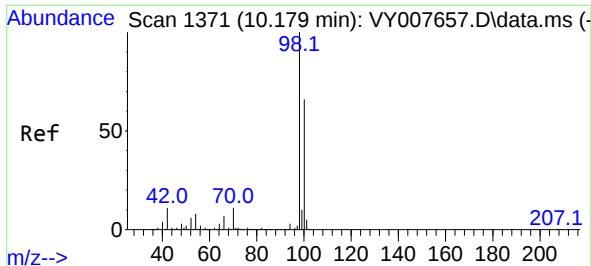
Ion Ratio Lower Upper

113 100

111 105.0 82.6 124.0

192 18.7 17.6 26.4

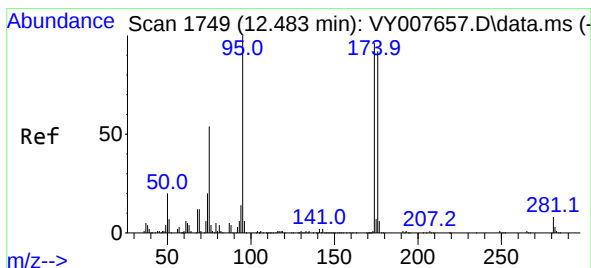
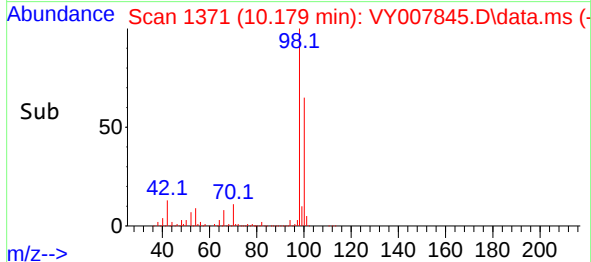
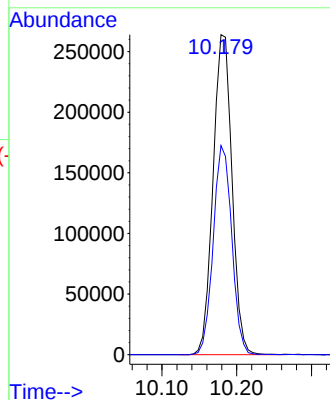
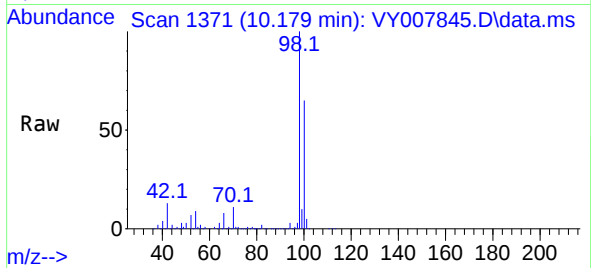




#50
Toluene-d8
Concen: 52.523 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007845.D
Acq: 11 Mar 2022 11:32

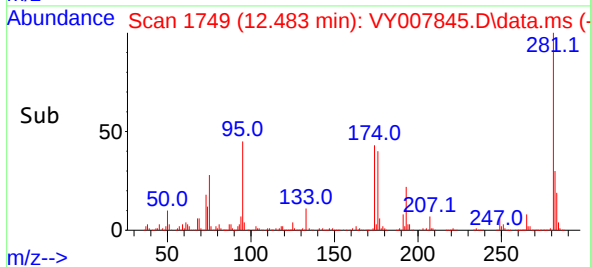
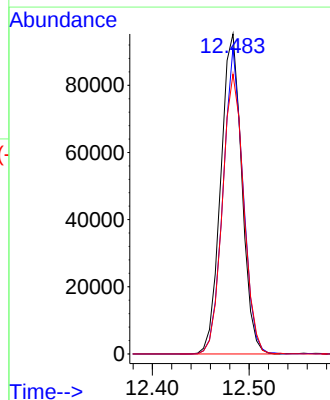
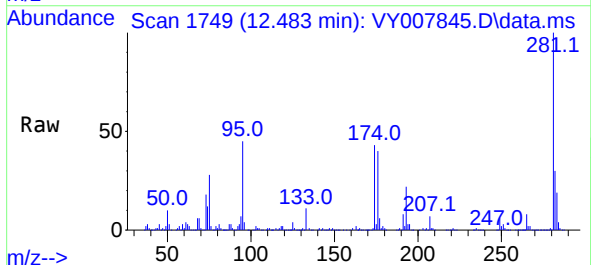
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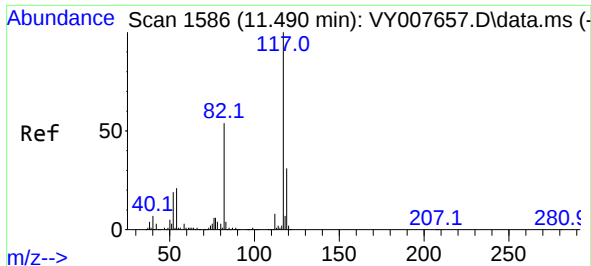
Tgt Ion: 98 Resp: 464734
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.405 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007845.D
Acq: 11 Mar 2022 11:32

Tgt Ion: 95 Resp: 143762
Ion Ratio Lower Upper
95 100
174 90.5 0.0 177.0
176 88.3 0.0 175.8

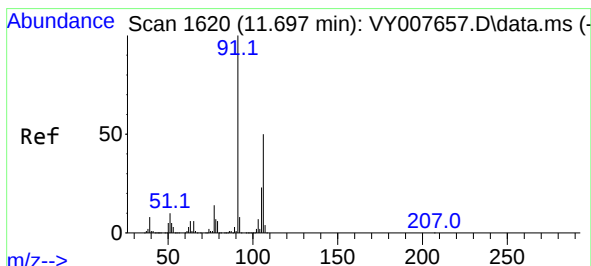
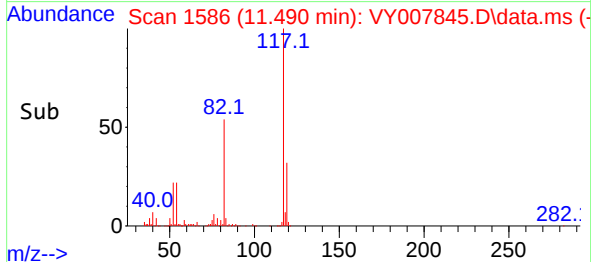
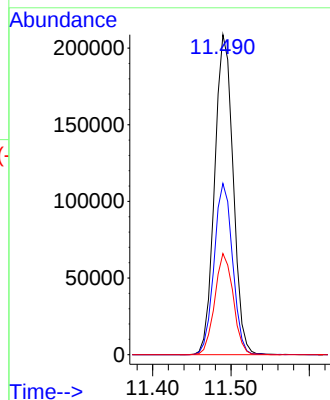
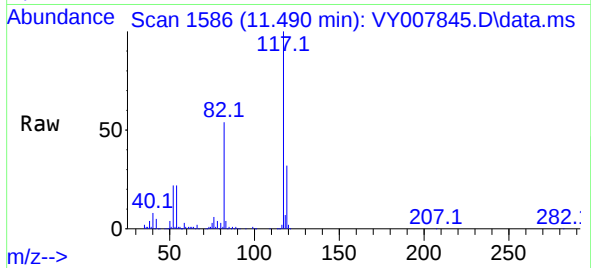




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007845.D
Acq: 11 Mar 2022 11:32

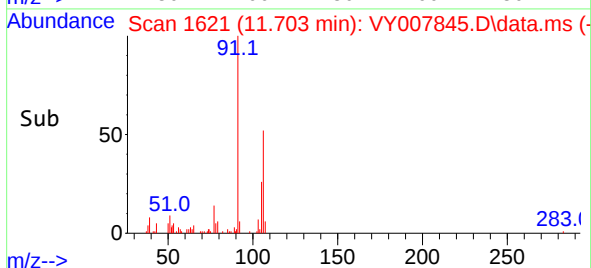
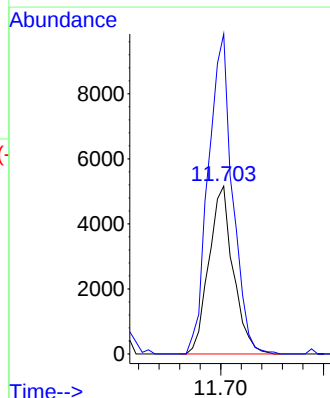
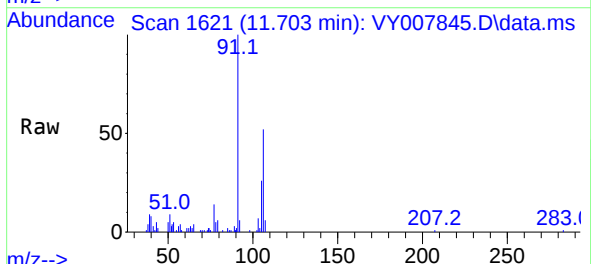
Instrument :
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ClientSampleId :
SR-EX2A-BASE-01

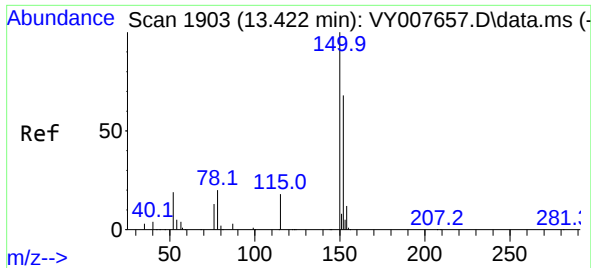
Tgt Ion:117 Resp: 342814
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.6 25.4 38.0



#68
m/p-Xylenes
Concen: 1.642 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY007845.D
Acq: 11 Mar 2022 11:32

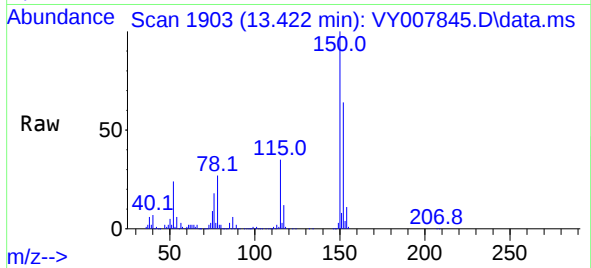
Tgt Ion:106 Resp: 8486
Ion Ratio Lower Upper
106 100
91 190.0 166.6 249.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007845.D
 Acq: 11 Mar 2022 11:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 SR-EX2A-BASE-01



Tgt Ion:152 Resp: 150099

Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.2	84.7
150	159.9	0.0	347.6

